abcam

Product datasheet

MUC16 peptide ab139976

1 图像

描述

产品名称 MUC16多肽

Accession Q8WXI7

无动物成分 No

性质 Synthetic

技术指标

Our Abpromise guarantee covers the use of ab139976 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用 Blocking - Blocking peptide for Anti-MUC16 antibody [EPSISR23] (ab134093)

形式 Lyophilized

补充说明 - First try to dissolve a small amount of peptide in either water or buffer. The more charged

residues on a peptide, the more soluble it is in aqueous solutions.

- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or

buffer.

- Consider that any solvent used must be compatible with your assay. If a peptide does not

dissolve and you need to recover it, lyophilise to remove the solvent.

- Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is

cloudy or has gelled the peptide may be in suspension rather than solubilised.

- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior

to use.

制备和贮存

稳定性和存储 Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw

cycles.

Information available upon request.

常规信息

功能 Thought to provide a protective, lubricating barrier against particles and infectious agents at

mucosal surfaces.

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组织特异性 Expressed in corneal and conjunctival epithelia (at protein level). Overexpressed in ovarian

carcinomas and ovarian low malignant potential (LMP) tumors as compared to the expression in

normal ovarian tissue and ovarian adenomas.

序列相似性 Contains 2 ANK repeats.

Contains 56 SEA domains.

结**构域** Composed of three domains, a Ser-, Thr-rich N-terminal domain, a repeated domain containing

more than 60 partially conserved tandem repeats of 156 amino acids each (AAs 12061-21862)

and a C-terminal transmembrane contain domain with a short cytoplasmic tail.

翻译后修饰 Heavily O-glycosylated; expresses both type 1 and type 2 core glycans.

Heavily N-glycosylated; expresses primarily high mannose and complex bisecting type N-linked

glycans.

May be phosphorylated. Phosphorylation of the intracellular C-terminal domain may induce proteolytic cleavage and the liberation of the extracellular domain into the extracellular space. May contain numerous disulfide bridges. Association of several molecules of the secreted form may occur through interchain disulfide bridges providing an extraordinarily large gel-like matrix in

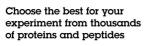
the extracellular space or in the lumen of secretory ducts.

细胞定位 Cell membrane. Secreted > extracellular space. May be liberated into the extracellular space

following the phosphorylation of the intracellular C-terminus which induces the proteolytic cleavage

and liberation of the extracellular domain.

图片





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MUC16 peptide (ab139976)

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